st & Final Bill

SBH No. HH/16-17
DATED 5-7-16

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

EE/ELE/Y/BR No. HH/16-17
Date: Dt. 5-7-16

No.
Division: **Electrical (Yelahanka)** Sub- Division: .
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket Name of Work (as per sanctioned estimate): **Providing SV Street light fittings, Controler Switchesand ACSR Conductor with connected accessories in Ward No-09. vidyaranyapura sub Division.**
Contractor and Full Address: **The Technical maneger KRIDL,**
Work Order No: : **EE/(Elec)/YZ/WO/14/2016-17 Dated : 23-05-2016**
Reference to Agreement Date .....
Job No:- 009-16-000036

Certified that the measurements were taken by me on ..5/7/16..... and recorded of pages 310329..... to ..340..... of Measurement Book No ..3104..... and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION,
BANGALORE-560 010

Contractor

Officer in charge of work

Certified that the measurements were taken by me on..5/7/16.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in columns 3 of Account II have been actually brought to Site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in the connection with item for finished work have been agreed upon. And normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Sub-division Officer

II Memorandum of Payment

31) Total value of work done or supplies as per account within	Bill 14.99.788=00
32) Deduct amount to be held in reserve being .....percent Rs.....	IT 2% 29.996=00
33) " Balance	VAT 4% 59.992=00
34) Deduct payment :	FBD 7.5% 1.12.484=00
m) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....	LWC 1% 14.998=00
Amount adjusted towards cash advance recovery of	1500=00
n) Payments cost store or other material supplied.	CBF 0.1%
Now made recovery amount creditable to this/ other work	deductions 2,18,970=00
Amount paid on this bill cheque/cash	cheque 12.80.818=00
35) Balance being unpaid value of work done held in reserve	
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated.....less adjustments	
7) Net amount due to or from contractor	
Unadjusted items	
8) Advance to contractor for materials brought to site (as detailed) within Value of Government materials supplied	

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION,
BANGALORE-560 010

Contractors Signature

Received Rs.....(in words)
.....
by cash and adjustment of payment as per memorandum.
Witnesses :
1.
2.
Dated .....Signature of Contractor
Paid by me by cheque No.....Dated .....
Cash Rs.....Dated.....

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION,
BANGALORE-560 010

Initials of Officer making payment

P.2415 Reserve Fund of T&F committee

(For use in the office)

ದಕ್ಷರೀಕೃತ ರೂ: 14,99,788=00 ಅಂಗೀಕರಿಸಿದೆ
ರೂ: 12,80,818=00 ಪಾವತಿಸಲಾಗಿದೆ
ರೂ: 2,18,970=00 ಹಿಂಪಡೆಯಲಾಗಿದೆ

Executive Engineer (Ele)
ಕಾ.ಪಾ.ಅ.(ಬಿ) ಯಲಹಂಕ ವಿಭಾಗ

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು

Sl no	Description of item
	Name of Work : .....
1	Supplying High pressure sodium vapour street light luminaire 250wsuitable for use with high pressure sodium vapour lamp with integrated control gear and grey colr powder coated. The fitting shall be non corrosive pressure die cast aluminium housing with high purity anodized aluminium housing with EPDM Gaskets suitable for Outer Dia of pole 40 mm -60 mm. Cable entry through a cable gland with toggle clips. IP65 protection for both optical & electrical compartment. Bottom cover may be with poly carbonate/tempered/ toughened glass.Luminaire efficiency should be > 60 % and ambient temperature >35 deg C. High Intensity Discharge electro magnetic ballast with copper winding of Orthocyclic winding coil. Class H insulated dual coated copper wire. Complaince to IEC 61347-2-9 Safety & IEC 60923-Performance. Winding Temperature rise "Tw-130deg C & temperature sise T=70 deg C. Luminaire shall be suitable to operate on 230/250 V 50 Hz AC supply finish including wiring , Ignitor, condenser, SS Toggles for opening front hingeable glass 250 Wattsa) Group 'A'
2	Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe
3	Supplying and fixing of timer Operating Illuminance Levels I. For Switching ON : < 60 lux for >30 sec II. For Switching OFF : >10 lux for >30 sec Switching Endurance : Minimum 5,000 cycles. • Max. Device Power Insulation Resistance : Minimum 5 Meg Ohms • Operating Temperature Range : -10o C to +55oC (Ambient) • Operating Humidity Range : Upto 95% RH at 40oC Auto Voltage trip levels, Auto High Voltage Sense and Trip : Above 280 VAC, Auto High Voltage Sense and Reset : Below 265 VAC. Auto low voltage sense and trip : Below 150 VAC, Auto low voltage sense and reset : Above 165 VAC, Consumption : 1 Watt at 230 VAC(Approved Rates) Contactor details: supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and As per IS-13947 Rating: a) 100-125 amps
4	Supply and fixing of ..... cross arm including all Hardwares compete as per the standard technical specification. 2) 2 Pin 45x45x5mm-510mm
6	Supplying and Fixing..... including all Hardwares etc complete as per the Standard technical Specification. 1) 1.1KV Pin Insulator
7	2) No.8 Strain Insulator
8	Supplying and stringing of ACSR Conductor (6/2.59mm Al+1/2.59mm steel)
9	Supply and erection of .....Mtr RCC Pole including earth work etc,. complete as per the standard technical specification of BESCOM8Mtr 145Kg WL
	Total Rs
	KRIDL charges Rs 11%
	Total Rs

Certificate Certify that the work has been carried out Satisfactorily

J.E.N. Bal...
I & M

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate	Amount	Qty	Cost	
Nos			155	6900.00	1069500.00	155	1069500.00	
Nos			106	893.00	94658.00	106	94658.00	"
Nos			10	15730.00	157300.00	10	157300.00	
Nos			4	306.00	1224.00	4	1224.00	
Nos			4	44.00	176.00	4	176.00	
Nos			8	14.00	112.00	8	112.00	
Mtrs			335	30.00	10050.00	335	10050.00	
Nos			3	6047.00	18141.00	3	18141.00	
					1351161.00		**1351161.00**	
					148627.71		148627.71	
					1499788.71		**1499788.71**	